BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-REDD1/DDIT4 specific Antibody

Catalog Number: A02019-2

About DDIT4

Predicted to enable 14-3-3 protein binding activity. Involved in defense response to virus; negative regulation of TOR signaling; and response to hypoxia. Located in cytosol.

Overview

Product Name	Anti-REDD1/DDIT4 specific Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-REDD1/DDIT4 specific Antibody catalog # A02019-2. Tested in WB, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt-20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9NX09

Technical Details

Immunogen	E.coli-derived human REDD1/DDIT4 specific recombinant protein (Position: M1-L228).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunoprecipitation, 1:50 ELISA, 1:100-1000

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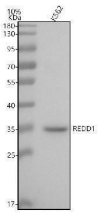
Anti-REDD1/DDIT4 specific Antibody (A02019-2) Images



Western blot analysis of REDD1/DDIT4 using anti-REDD1/DDIT4 antibody (A02019-2). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human K562 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-REDD1/DDIT4 antigen affinity purified polyclonal antibody (A02019-2) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for REDD1/DDIT4 at approximately 35 kDa. The expected band size for REDD1/DDIT4 is at 25 kDa.

Anti-REDD1/DDIT4 specific Antibody

For Research Use Only. Not for use in diagnostic procedures.